

Appln No. 10/591,357
Amdt date October 22, 2010
Reply to Office action of June 22, 2010

Amendments to the Specification:

Please amend the last paragraph on page 38 continuing through page 39 as follows:

The logic combination of the determined spring constant with the output value of the neural network can either be carried out by a logic circuit 25 (FIG. 1), by means of a fuzzy system or by means of a mathematical model with a corresponding algorithm or likewise by means of a neural network to which, in the input layer, the output value corresponding to the adjusting force or the adjusting torque of the neural network according to FIG. 2 is fed and the determined difference in rotational speed is fed, said neural network outputting at its output layer a value which corresponds to a trapped or nontrapped state.

Please amend paragraph 4 on page 39 as follows:

Both the microcontroller 1100 and the neural network 1200 have a multiplicity of interfaces 1400, 1500. The interfaces 1400 of the neural network 1200 serve as inputs for the measured variables S' to be evaluated. The variables may be provided by one or more shift registers 1201. The interfaces 1400 feed the measured variables S to the input layer of the neural network 1200. One or more of these interfaces 1400 can be embodied as connections to a CAN bus system or LIN bus system of the motor vehicle.